

## WEST Search History

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DATE: Friday, February 04, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L17	('6231500' '5954673' '5794203' '6754632' '5938447' '6273726' '6505208' '5741136' '6062863' '4020567' '5982853')!.PN,TBAN,WKU.	11
		<i>DB=USPT; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L16	6231500.pn.	1
<input type="checkbox"/>	L15	6073034.pn.	1
		<i>DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L14	L13 and eyeglass\$3	1
<input type="checkbox"/>	L13	L12 and stutter\$3	4
<input type="checkbox"/>	L12	L11 and display	844
<input type="checkbox"/>	L11	(generat\$3 and visual and speech and gestur\$3)	923
<input type="checkbox"/>	L10	wearable display	1190962
<input type="checkbox"/>	L9	l1 and lip	10
<input type="checkbox"/>	L8	L7 and speech	12
<input type="checkbox"/>	L7	L6 and (close\$3 near2 caption\$3)	16
<input type="checkbox"/>	L6	L5 and display	213
<input type="checkbox"/>	L5	lip near2 read\$3	626
<input type="checkbox"/>	L4	(stutter\$3 and speech and (lip adj read\$3))	1
<input type="checkbox"/>	L3	(stutter\$3 and speech and gestur\$3 and display)	5
<input type="checkbox"/>	L2	(stutter\$3 and speech and visual and gestur\$3 and display)	4
		(6754632 6231500 5794203 5940798 4784115 5647834 5954673 5289521 6289247 5214745 6219644 6219644 6326901 6221908 6221908 6466911 6830544 6109923 6358054 6358055 4577641 5961443 3603305 6354299	
<input type="checkbox"/>	L1	5303327 5338201 5591033 5601091 5627581 5916174 6512538 6157861 5740254 6260022 6334778 6026322 5340316 5536171 4890618 4455292 5496369 5730140 5800535 5820588 5843093 6263225 5266034 3676595 5774558 5964593).pn.	48

END OF SEARCH HISTORY

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**Search Results - Record(s) 1 through 11 of 11 returned.**

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L17: Entry 1 of 11

File: USPT

Jun 22, 2004

US-PAT-NO: 6754632

DOCUMENT-IDENTIFIER: US 6754632 B1

TITLE: Methods and devices for delivering exogenously generated speech signals to enhance fluency in persons who stutter

DATE-ISSUED: June 22, 2004

US-CL-CURRENT: 704/271; 600/23INT-CL: [07] A61 F 5/58

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L17: Entry 2 of 11

File: USPT

Jan 7, 2003

US-PAT-NO: 6505208

DOCUMENT-IDENTIFIER: US 6505208 B1

TITLE: Educational monitoring method and system for improving interactive skills based on participants on the network

DATE-ISSUED: January 7, 2003

US-CL-CURRENT: 707/102INT-CL: [07] G06 F 17/30

---

L17: Entry 3 of 11

File: USPT

Aug 14, 2001

US-PAT-NO: 6273726

DOCUMENT-IDENTIFIER: US 6273726 B1

TITLE: Method of associating oral utterances meaningfully with word symbols seriatim in an audio-visual work and apparatus for linear and interactive application

DATE-ISSUED: August 14, 2001

US-CL-CURRENT: 434/169; 434/167, 434/168INT-CL: [07] G09 B 19/04

---

L17: Entry 4 of 11

File: USPT

May 15, 2001

US-PAT-NO: 6231500

DOCUMENT-IDENTIFIER: US 6231500 B1

TITLE: Electronic anti-stuttering device providing auditory feedback and disfluency-detecting biofeedback

h e b b c g b e e

DATE-ISSUED: May 15, 2001

US-CL-CURRENT: 600/23; 704/271

INT-CL: [07] A61 F 5/58

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L17: Entry 5 of 11

File: USPT

May 16, 2000

US-PAT-NO: 6062863

DOCUMENT-IDENTIFIER: US 6062863 A

TITLE: Method of associating oral utterances meaningfully with word symbols  
seriatim in an audio-visual work and apparatus for linear and interactive  
application

DATE-ISSUED: May 16, 2000

US-CL-CURRENT: 434/169; 434/167, 434/168

INT-CL: [07] G09 B 19/04

---

L17: Entry 6 of 11

File: USPT

Nov 9, 1999

US-PAT-NO: 5982853

DOCUMENT-IDENTIFIER: US 5982853 A

TITLE: Telephone for the deaf and method of using same

DATE-ISSUED: November 9, 1999

US-CL-CURRENT: 379/52; 379/93.15, 704/271, 704/3

INT-CL: [06] H04 M 11/00

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L17: Entry 7 of 11

File: USPT

Sep 21, 1999

US-PAT-NO: 5954673

DOCUMENT-IDENTIFIER: US 5954673 A

TITLE: Method and apparatus for oral motor therapy using a visual display

DATE-ISSUED: September 21, 1999

US-CL-CURRENT: 600/590; 433/68, 433/71, 482/11, 600/587, 73/379.02, 73/862.68

INT-CL: [06] A61 B 5/103

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L17: Entry 8 of 11

File: USPT

Aug 17, 1999

US-PAT-NO: 5938447

DOCUMENT-IDENTIFIER: US 5938447 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and system for making an audio-visual work with a series of visual

h e b b c g b e e

word symbols coordinated with oral word utterances and such audio-visual work

DATE-ISSUED: August 17, 1999

US-CL-CURRENT: 434/169; 348/589, 352/87, 434/185, 434/307R, 704/235, 704/260

INT-CL: [06] G09 B 5/00

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L17: Entry 9 of 11

File: USPT

Aug 11, 1998

US-PAT-NO: 5794203

DOCUMENT-IDENTIFIER: US 5794203 A

TITLE: Biofeedback system for speech disorders

DATE-ISSUED: August 11, 1998

US-CL-CURRENT: 704/271

INT-CL: [06] G10 L 9/00

---

L17: Entry 10 of 11

File: USPT

Apr 21, 1998

US-PAT-NO: 5741136

DOCUMENT-IDENTIFIER: US 5741136 A

TITLE: Audio-visual work with a series of visual word symbols coordinated with oral word utterances

DATE-ISSUED: April 21, 1998

US-CL-CURRENT: 434/169; 345/473, 352/87, 40/416, 434/185, 434/307R, 704/9, 706/11

INT-CL: [06] G09 B 5/00

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L17: Entry 11 of 11

File: USPT

May 3, 1977

US-PAT-NO: 4020567

DOCUMENT-IDENTIFIER: US 4020567 A

TITLE: Method and stuttering therapy apparatus

DATE-ISSUED: May 3, 1977

US-CL-CURRENT: 434/185

INT-CL: [02] G09B 19/04

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09718222\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09718222 on February 01, 2005

Original Classifications

6	434/185
4	704/271
3	600/23
3	600/559
3	607/57
2	434/178
2	514/546
2	623/10
2	704/275

Cross-Reference Classifications

4	434/185
3	73/585
3	434/156
3	434/169
3	607/45
3	704/270
2	340/407.1
2	434/112
2	434/116
2	434/236
2	514/642
2	600/24
2	600/372
2	600/373
2	600/378
2	607/2
2	607/3
2	704/200
2	704/235
2	704/261
2	704/276

Combined Classifications

10	434/185
5	704/271
4	434/156
4	600/23
4	704/270
3	73/585
3	434/169
3	600/24
3	600/378

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3 600/559  
3 607/45  
3 607/57  
3 623/10  
3 704/275  
3 704/276  
2 340/407.1  
2 434/112  
2 434/116  
2 434/178  
2 434/236  
2 514/546  
2 514/642  
2 600/372  
2 600/373  
2 607/2  
2 607/3  
2 704/200  
2 704/235  
2 704/261  
2 705/2

09718222\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09718222 on February 01, 2005

- 10 434/185 (6 OR, 4 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/156 LANGUAGE  
434/185 .Speech
- 5 704/271 (4 OR, 1 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application  
704/271 ..Handicap aid
- 4 434/156 (1 OR, 3 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/156 LANGUAGE
- 4 600/23 (3 OR, 1 XR)  
Class 600 : SURGERY  
600/23 SPEECH CORRECTION/THERAPY (e.g.,  
antistammering)
- 4 704/270 (1 OR, 3 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application
- 3 73/585 (0 OR, 3 XR)  
Class 073 : MEASURING AND TESTING  
73/570 VIBRATION  
73/584 .By mechanical waves  
73/585 ..Including ear or hearing testing
- 3 434/169 (0 OR, 3 XR)  
Class 434 : EDUCATION AND DEMONSTRATION  
434/156 LANGUAGE  
434/167 .Spelling, phonics, word recognition, or  
sentence formation  
434/169 ..Electrical component included in teaching

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means

- 3 600/24 (1 OR, 2 XR)  
Class 600 : SURGERY  
600/23 SPEECH CORRECTION/THERAPY (e.g.,  
antistammering)  
600/24 .Oral cavity devices
- 3 600/378 (1 OR, 2 XR)  
Class 600 : SURGERY  
600/300 DIAGNOSTIC TESTING  
600/372 .Structure of body-contacting electrode or  
electrode inserted in body  
600/373 ..Electrode placed in body  
600/378 ...Electrode in brain
- 3 600/559 (3 OR, 0 XR)  
Class 600 : SURGERY  
600/300 DIAGNOSTIC TESTING  
600/559 .Ear or testing by auditory stimulus
- 3 607/45 (0 OR, 3 XR)  
Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL  
APPLICATION  
607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION  
607/2 .Electrical therapeutic systems  
607/45 ..Treating mental or emotional disorder
- 3 607/57 (3 OR, 0 XR)  
Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL  
APPLICATION  
607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION  
607/2 .Electrical therapeutic systems  
607/55 ..Promoting auditory function  
607/56 ...Producing aural effects by stimulation  
607/57 ....By partially or wholly implanted device
- 3 623/10 (2 OR, 1 XR)  
Class 623 : PROSTHESIS  
623/10 EAR OR NOSE PROSTHESIS
- 3 704/275 (2 OR, 1 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application



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704/275 ..Speech controlled system

3 704/276 (1 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/270 .Application

704/276 ..Pattern display

2 340/407.1 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/407.1 TACTUAL INDICATION

2 434/112 (0 OR, 2 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/112 COMMUNICATION AIDS FOR THE HANDICAPPED

2 434/116 (0 OR, 2 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/112 COMMUNICATION AIDS FOR THE HANDICAPPED

434/116 .Converting information to sound

2 434/178 (2 OR, 0 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/156 LANGUAGE

434/167 .Spelling, phonics, word recognition, or  
sentence formation

434/178 ..Reading

2 434/236 (0 OR, 2 XR)

Class 434 : EDUCATION AND DEMONSTRATION

434/236 PSYCHOLOGY

2 514/546 (2 OR, 0 XR)

Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING  
COMPOSITIONS

514/266.24 .....The additional hetero ring consists of  
carbon and chalcogen as the only ring m

embers

514/506 .Ester DOAI

514/529 ..Z-C(=O)-O-Y wherein Z is hydrogen or an  
organic radical bonded to the C(=O) by a c

arbon and Y is an

organic radical bonded to the oxygen by a

carbon

514/546 ...ZC(=O)OY, wherein Z is an acyclic radical

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organic radical  
bonded to the C=O by a carbon and Y is an o  
bonded to the oxygen by a carbon

- 2 514/642 (0 OR, 2 XR)  
Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING  
COMPOSITIONS  
514/266.24 .....The additional hetero ring consists of  
carbon and chalcogen as the only ring me  
mbers  
514/579 .Nitrogen containing other than solely as a  
nitrogen in an inorganic ion of an additio  
n salt, a nitro  
or a nitroso DOAI  
514/642 ..Quaternary ammonium containing
- 2 600/372 (0 OR, 2 XR)  
Class 600 : SURGERY  
600/300 DIAGNOSTIC TESTING  
600/372 .Structure of body-contacting electrode or  
electrode inserted in body
- 2 600/373 (0 OR, 2 XR)  
Class 600 : SURGERY  
600/300 DIAGNOSTIC TESTING  
600/372 .Structure of body-contacting electrode or  
electrode inserted in body  
600/373 ..Electrode placed in body
- 2 607/2 (0 OR, 2 XR)  
Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL  
APPLICATION  
607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION  
607/2 .Electrical therapeutic systems
- 2 607/3 (0 OR, 2 XR)  
Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL  
APPLICATION  
607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION  
607/2 .Electrical therapeutic systems  
607/3 ..Combined with nonelectrical therapy
- 2 704/200 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING

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2 704/235 (0 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/231 .Recognition  
 704/235 ..Speech to image

2 704/261 (0 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/258 .Synthesis  
 704/261 ..Vocal tract model

2 705/2 (1 OR, 1 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
 PRACTICE OR MANAGEMENT ARRANGEMENT  
 705/2 .Health care management (e.g., record  
 management, ICDA billing)

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PLUS Search Results for S/N 09718222, Searched February 01, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6754632  
6231500  
5794203  
5940798  
4784115  
5647834  
5954673  
5289521  
6289247  
5214745  
6219644  
6219644  
6326901  
6221908  
6221908  
6466911  
6830544  
6109923  
6358054  
6358055  
4577641  
5961443  
3603305  
6354299  
5303327  
5338201  
5591033  
5601091  
5627581  
5916174  
6512538  
6157861  
5740254  
6260022  
6334778

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6026322  
5340316  
5536171  
4890618  
4455292  
5496369  
5730140  
5800535  
5820588  
5843093  
6263225  
5266034  
3676595  
5774558  
5964593